



Docket No.: 255814US2PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

GROUP: 2821

Takanori ENDO, et al.

SERIAL NO: 10/500,457

EXAMINER: HO, T.

FILED: March 1, 2005

FOR: READER/WRITER ANTENNA, AND READER/WRITER HAVING
ANTENNA

DECLARATION UNDER 37 C.F.R. §1.132

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Now comes Takanori Endo, Seirou Yahata, and Takashi Tsuchida, who depose and state that:

1. We are the inventors of the invention disclosed in the above-identified application.
2. We are co-inventors of the invention disclosed in United States Patent No.

6,930,646.

3. We declare that we conceived the subject matter disclosed in United States Patent No. 6,930,646 that is common to United States Patent Application No. 10/500,457.

4. We declare further that all statements made of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issuing thereon.

BEST AVAILABLE COPY

Application No. 10/500,457
Declaration under 37 C.F.R. §1.132

5. Further Declarants saith not.

Takanori Endo

Takanori Endo

Seiron Yahata

Seiron Yahata

Takashi Tsuchida

Takashi Tsuchida

Date

November 9, 2006

Date

November 9, 2006

Date

November 9, 2006

\\ATTY\MS\PROSECUTION\2551255814\US\255814\US DECLARATION UNDER 1.132.doc

 Due Date July 14, 2004

OSMM&N File No. 255814US2PCT

By MJS/lpp/FF

Serial No. New U.S. PCT Application based on PCT/JP03/00364

In the matter of the Application of Takanori ENDO, et al.

For READER/WRITER ANTENNA, AND READER/WRITER HAVING ANTENNA

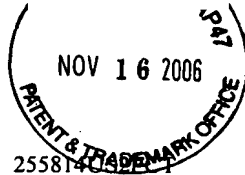
The following has been received in the U.S. Patent Office on the date stamped hereon:

- 39 pgs. Specification 21 Claims (English Translation) pgs. Sequence Listing
- Application Data Sheet
- Notice of Priority
- Dep. Acct. Order Form
- Credit Card Payment Form for \$1566.00
- Drawings (16 sheets)
- PCT Transmittal Letter
- PCT/IB/304
- Information Disclosure Statement
- PTO-1449
- Cited References (9)
- Statement of Relevancy
- International Search Report

SERIAL NO. 10/500457

DATE RECEIVED Rec'd PCT/PTO 13 JUL 2004

COPY



COPY

Docket No. 2558140

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Takanori ENDO, et al.

SERIAL NO: New U.S. PCT Application Based on PCT/JP03/00364

GAU:

FILED: Herewith

EXAMINER:

FOR: READER/WRITER ANTENNA, AND READER/WRITER HAVING ANTENNA

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Marvin J. Spivak

Registration No. 24,913

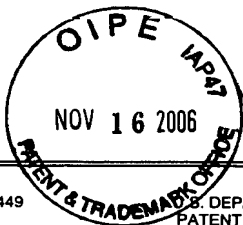
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SHEET 1 OF 1

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

255814US2PCT

SERIAL NO.

New U.S. PCT Application
Based on PCT/JP03/00364

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Takanori ENDO, et al.

FILING DATE

Herewith

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO	9-284038	10/31/97	JP		NO
	AP	11-332631	12/07/99	JP		NO
	AQ	10-107531	04/24/98	JP		NO
	AR	2001-056847	02/27/01	JP		NO
	AS	986 037	03/15/00	EP(equivalent of JP 11-339143, WO 99/49437, & US 6285284)		NO
	AT	10-162260	06/19/98	JP		NO
	AU	4-321190	11/11/92	JP(with English abstract)		NO
	AV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	
	AX	
	AY	
	AZ	<input type="checkbox"/> Additional References sheet(s) attached

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

New U.S. PCT Application Based on PCT/JP03/00364
Docket No.: 255814US2 PCT

COPY

STATEMENT OF RELEVANCY

- 1) References AO-AT have been cited in the International Search Report. Copies of these references are being submitted herewith only when not automatically provided by the International Searching Authority.
- 2) References _____ have been cited in the corresponding _____ Search Report. A copy of these references is being submitted herewith.
- 3) References _____ are discussed in the specification. A copy of these references is being submitted here with.
- 4) Reference AU is additional prior art known to Applicant. A copy of these references is being submitted herewith.

COPY

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/00364

A. CLASSIFICATION OF SUBJECT MATTERInt.Cl⁷ H01Q1/52

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ H01Q1/52, G06K17/00, H01F17/04, H01Q1/24, H01Q7/00,
H04B5/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2003
Kokai Jitsuyo Shinan Koho 1971-2003 Jitsuyo Shinan Toroku Koho 1996-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 09-284038 A (NHK Spring Co., Ltd.), 31 October, 1997 (31.10.97), Full text; all drawings (Family: none)	1, 7, 8, 16, 19-21 9-15, 17, 18 3
Y		
A		
X	JP 11-332631 A (Mitsubishi Materials Corp.), 07 December, 1999 (07.12.99), Full text; all drawings (Family: none)	2, 4
X	JP 10-107531 A (Toshiba Corp.), 24 April, 1998 (24.04.98), Full text; Fig. 12 (Family: none)	5, 6

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:
"A" document defining the general state of the art which is not considered to be of particular relevance
"E" earlier document but published on or after the international filing date
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O" document referring to an oral disclosure, use, exhibition or other means
"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&" document member of the same patent family

Date of the actual completion of the international search
03 April, 2003 (03.04.03)Date of mailing of the international search report
15 April, 2003 (15.04.03)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/00364

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2001-056847 A (Mitsubishi Materials Corp.), 27 February, 2001 (27.02.01), Page 3, right column, lines 1 to 25; all drawings (Family: none)	9-16
Y	EP 0986037 A (Mitsubishi Materials Corp.), 15 March, 2000 (15.03.00), Full text; Fig. 5 & JP 11-339143 A Full text; Fig. 5 & WO 99/49437 A1 & US 6285284 B1	17,18
A	JP 10-162260 A (Mitsubishi Materials Corp.), 19 June, 1998 (19.06.98), Full text; all drawings (Family: none)	11-13